

PRODUCT DATA SHEET

Sikaplan® D-15

PVC detailing sheet for Sikaplan® PVC

DESCRIPTION

Sikaplan® D-15 is a polyvinyl chloride (PVC), unreinforced, multi-layer, synthetic roof waterproofing detailing sheet.

USES

Detailing for Sikaplan® G/U/SGK/SGmA

FEATURES

- Very good resistance to UV exposure
- Resistant to many common environmental influences
- Good mechanical resistance
- Flexible in cold temperatures
- Can be applied on either side as both surfaces have a different colour

PRODUCT INFORMATION

| | | |
|------------------------------|---|--|
| Packaging | Roll length: | 20,00 m |
| | Roll width: | 1,00 m |
| | Roll weight: | 38,00 kg |
| Appearance and colour | Top surface: | light grey (~ RAL7047) lead grey (~ RAL 7011) |
| | Bottom surface: | light grey (~ RAL7047) lead grey (~ RAL 7011) |
| Shelf life | The product retains its properties in unopened and undamaged original packaging. | |
| Storage conditions | The Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +30 °C. Store in a horizontal position. Do not stack pallets of the rolls on top of each other, or under pallets of any other materials during transport or storage. Always refer to packaging. | |
| Visible defects | Pass | |
| Length | 20,00 m (+1,00 / -0) | (EN 1848-2) |
| Width | 1,00 m (+0,01 / -0,005) | (EN 1848-2) |
| Effective thickness | 1,50 mm (+0,15 / -0,075) | (EN 1849-2) |
| Mass per unit area | 1,90 kg (+0,19 / -0,095) | (EN 1849-2) |

TECHNICAL INFORMATION

| | | |
|---------------------------------------|----------------------------|--------------|
| Foldability at low temperature | $\leq -25^{\circ}\text{C}$ | (EN 495-5) |
| Reaction to fire | Class E | (EN 13501-1) |
| Resistance to UV exposure | Pass (> 5 000 h / grade 0) | (EN 1297) |
| Water-vapour transmission rate | $\mu = 20\,000$ | (EN 1931) |
| Watertightness | Pass | (EN 1928) |

APPLICATION INFORMATION

| | | |
|--------------------------------|---------|-----------------------|
| Ambient air temperature | Maximum | $+60^{\circ}\text{C}$ |
| | Minimum | -20°C |
| Substrate temperature | Maximum | $+60^{\circ}\text{C}$ |
| | Minimum | -30°C |

SYSTEM INFORMATION

| | |
|----------------------|--|
| Compatibility | Not compatible with direct contact to other plastics, such as EPS, XPS, PUR, PIR or PF. Not resistant to tar, bitumen, oil and solvent containing materials. |
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BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

Installation

- Refer to the Application Manual

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

EQUIPMENT

Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

SUBSTRATE QUALITY

The substrate must be uniform, firm, smooth and free of any sharp protrusion or burrs, clean, dry, free of grease, bitumen, oil, dust and loose surface sand or gravel dressing.

The Product must be separated from any incompatible substrates or materials by an effective separation layer to prevent accelerated ageing.

APPLICATION

The application of this Product must only be carried out by an applicator that is trained or approved by Sika. The applicator must also be experienced in this type of application.

Hot-welding

Overlap seams must be welded by electric hot-welding equipment. Prior to welding, welding parameters including temperature, machine speed, air flow, pressure, and machine settings must be evaluated, adapted and checked on site according to the type of equipment and the climatic conditions. The effective width of overlaps welded by hot air must be a minimum of 20 mm.

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LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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